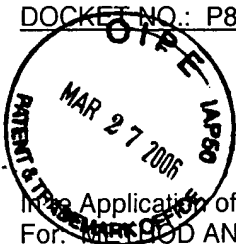


3762
Ifu**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**

In re Application of: Hill et al.

For: METHOD AND APPARATUS FOR ELECTRICALLY STIMULATING THE NERVOUS SYSTEM TO IMPROVE VENTRICULAR DYSFUNCTION, HEART FAILURE, AND OTHER CARDIAC CONDITIONS

Serial No.: 10/039,307

Filed: 10/26/2001

CERTIFICATE OF MAILING UNDER 37 CFR 1.8: I hereby certify that this **MISSING PARTS** and the paper(s), as described herein, are being deposited in the U.S. Postal Service, as first class mail, addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 21st day of March, 2006.

Molly Chlebeck
Signature

MOLLY CHLEBECK
Printed Name

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☐ Information Disclosure Statement
☒ Supplemental Information Disclosure Statement
☒ PTO FORM 1449
☒ Copies cited references
☒ Return Postcard

FEE CALCULATION

- ☒ \$ 00.00 Pursuant to 37 CFR §1.97(b) (before mailing of first Office Action)
☐ \$ 00.00 Pursuant to 37 CFR §1.97(c) with Certification (cited in foreign application not more than 3 months earlier)
☐ \$ 00.00 Pursuant to 37 CFR §1.97(e) with Certification
☐ \$180.00 Pursuant to 37 CFR §1.97(c) without Certification
☐ \$180.00 Pursuant to 37 CFR §1.97(d) with Certification

- ☐ Applicant hereby petitions for a _____ months' extension of time. If an additional extension of time is required, please consider this petition therefor.
- ☒ Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.
- ☒ Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked with regard to this filing. A duplicate of this transmittal is enclosed.

Date

20 March '06Paul H. McDowall

Reg. No. 34,873

Telephone: (763) 514-3351

Customer No. 27581



Docket: P8969.00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hill et al.)	Art Unit: 3762
)	
Serial No.: 10/039,307)	Examiner: F. Oropeza
)	
Filed: October 26, 2001)	

For: METHOD AND APPARATUS FOR ELECTRICALLY STIMULATING THE
NERVOUS SYSTEM TO IMPROVE VENTRICULAR DYSFUNCTION, HEART
FAILURE, AND OTHER CARDIAC CONDITIONS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington D.C. 20231

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Respectfully submitted,

Date:

20 March 06

By:

Paul H. McDowall

Paul H. McDowall

Reg. No. 34,873

Telephone: (763) 514-3351

Customer No. 27581

Examiner Initials*	Cite ¹ No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	3,421,511		Schwartz, et al.	01-14-1969	
	AB	3,522,811		Schwartz, et al.	02-12-1969	
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/039,307
				Filing Date	October 26, 2001
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3762
				Examiner Name	F. Oropeza
				Attorney Docket Number	P8969.00
Sheet	2	of	5		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite ¹ No.	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	BR		WO 9216257	A1	Obel, et al.	10-01-1992		
	BS		EP 0530354	A1	Obel, et al.	03-10-1993		
	BT		EP 0547734	A2	Collins	06-23-1993		
	BU		EP 0721786	A2	Obel, et al.	07-17-1996		
	BV		WO 9955413	A1	King	11-04-1999		
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	BX		WO 0234330	A2	Hill, et al.	05-02-2002		
	BY		WO 0245791	A2	Hill, et al.	06-13-2002		
	BZ		WO 2002085448	A2	Foreman, et al.	10-31-2002		
	CA		WO 2003099377	A1	Ayal, et al.	12-04-2003		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite ¹ No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CB	LI, et al., "Reversal of Reflex-Induced Myocardial Ischemia by Median Nerve Stimulation (A): A Feline Model of Electroacupuncture," dated March 31, 1998, pp. 1186-94	
	CC	HORSCH, et al., "Spinal Cord Stimulation For Ischemic Rest Pain," from <u>The Belgian Randomized Study</u> , dated 1994, pp. 197-201	
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Examiner Signature	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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		Application Number	10/039,307
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		First Named Inventor	Michael R.S. Hill
		Group Art Unit	3762
		Examiner Name	F. Oropeza
		Attorney Docket Number	P8969.00
Sheet	3	of	5

	CP	HULL, et al., "Heart Rate Variability Before And After Myocardial Infarction In Conscious Dogs At High And Low Risk Of Sudden Death," from <u>The American College of Cardiology</u> , 1990, pp. 978-985	
	CQ	ARMOUR, M.D., "Intrinsic Cardiac Neurons," from <u>Journal of Cardiovascular Electrophysiology</u> , Vol. 2, No. 4, August 1991, pp. 331-341	
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Examiner Signature	Date Considered	
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⁵ Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 16 if possible.

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<p>Substitute for form 1449A/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;"><i>(use as many sheets as necessary)</i></p>		<p style="text-align: center;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/039,307</td> </tr> <tr> <td>Filing Date</td> <td>October 26, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Michael R.S. Hill</td> </tr> <tr> <td>Group Art Unit</td> <td>3762</td> </tr> <tr> <td>Examiner Name</td> <td>F. Oropeza</td> </tr> <tr> <td>Attorney Docket Number</td> <td>P8969.00</td> </tr> </table>		Application Number	10/039,307	Filing Date	October 26, 2001	First Named Inventor	Michael R.S. Hill	Group Art Unit	3762	Examiner Name	F. Oropeza	Attorney Docket Number	P8969.00
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Sheet	4 of 5														

	DM	CROOM, et al., "Cutaneous Vasodilation During Dorsal Column Stimulation Is Mediated By Dorsal Roots And CGRP," from <u>The American Physiological Society</u> , 1997, pp. H950-H957	
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	DV	HOPKINS, et al., "Pathology Of Intrinsic Cardiac Neurons From Ischemic Human Hearts," from <u>The Anatomical Record</u> , 2000, pp. 424-436	
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	DX	MEYERSON, et al., "Spinal Cord Stimulation," from <u>Bonica's Management of Pain</u> , 2001, pp. 1857-1876	
	DY	ARDELL, "Neurohumoral Control Of Cardiac Function," from <u>Heart Physiology and Pathophysiology</u> , Fourth Edition, 2001, pp. 45-59	
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	EA	KINGMA, JR., et al., "Neuromodulation Therapy Does Not Influence Blood Flow Distribution Or Left-Ventricular Dynamics During Acute Myocardial Ischemia," from <u>Autonomic Neuroscience: Basic & Clinical</u> , 2001, pp. 47-54	
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	EF	CARDINAL, et al., "Spinal Cord Activation Differentially Modulates Ischaemic Electrical Responses To Different Stressors In Canine Ventricles," from <u>Autonomic Neuroscience: Basic & Clinical</u> , 2004, pp. 37-47	
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Examiner Signature	Date Considered
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<p>Substitute for form 1449A/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;"><i>(use as many sheets as necessary)</i></p>		<p style="text-align: center;"><i>Complete if Known</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/039,307</td> </tr> <tr> <td>Filing Date</td> <td>October 26, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Michael R.S. Hill</td> </tr> <tr> <td>Group Art Unit</td> <td>3762</td> </tr> <tr> <td>Examiner Name</td> <td>F. Oropeza</td> </tr> <tr> <td>Attorney Docket Number</td> <td>P8969.00</td> </tr> </table>		Application Number	10/039,307	Filing Date	October 26, 2001	First Named Inventor	Michael R.S. Hill	Group Art Unit	3762	Examiner Name	F. Oropeza	Attorney Docket Number	P8969.00
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	DJ	NORRSELL, et al., "Effects Of Spinal Cord Stimulation And Coronary Artery Bypass Grafting On Myocardial Ischemia And Heart Rate Variability: Further Results From The ESBY Study," from <u>Cardiology</u> , 2000	
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	DM	LINDEROTH, et al., "Preemptive Spinal Cord Stimulation Reduces Ischemia In An Animal Model Of Vasospasm," from <u>Neurosurgery</u> , August 1995, pp. 271-272	
	DN	ELIASSON, et al., "Safety Aspects Of Spinal Cord Stimulation In Severe Angina Pectoris," from <u>Coron. Artery Dis.</u> , October 1994, pp. 845-850	
	DO	PIVOVAROV, et al., "Effect Of Electrostimulation Of The Dorsolateral Funiculus Of The Spinal Cord On Changes In The Cardiac Rhythm In Acute Myocardial Ischemia," from <u>Biull Edsp. Biol. Med.</u> [Russian] December 1985, pp. 655-657	
	DP	KRYZHANOVSKII, et al., "Characteristics Of The Rhythmic Activity Of A Normal And A Damaged Heart During Hyperactivity Of Spinal Cord Preganglionic Neurons," from <u>Biull Edsp. Biol. Med.</u> [Russian] September 1983, pp. 14-16	
	DQ	RECORDATI, et al., "Renorenal Reflexes In The Rat Elicited Upon Stimulation Of Renal Chemoreceptors," from <u>J. Auton. Nerv. Syst.</u> , September 1982, pp. 127-142	

Examiner Signature	Date Considered
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